

COC #17

11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8244  
East 11115 Montgomery, Suite B, Spokane, WA 99206-4776  
9405 S.W. Nimbus Avenue, Beaverton, OR 97008-7132  
20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711

(425) 420-9200 X 420-9210  
(509) 924-9200 X 924-9290  
(503) 906-9200 FAX 906-9210  
(541) 383-9310 FAX 382-7588

## CHAIN OF CUSTODY REPORT

Work Order #: M105019

### TURNAROUND REQUEST in Business Days\*

Organic & Inorganic Analyses

**10** **7** **5** **4** **3** **2** **1** **<1**

STD.

Petroleum Hydrocarbon Analyses

**5** **4** **3** **2** **1** **<1**

STD.

Please Specify

**OTHER**

\*Turnaround Requests less than standard may incur Rush Charges.

INVOICE TO: Bristol Enviro. & Engineering

P.O. NUMBER: 21090

CLIENT: Bristol  
REPORT TO: Anne Hunsicker  
ADDRESS: Amchitka  
PHONE: 770-0974 FAX: 770-0975

PROJECT NAME: Amchitka  
PROJECT NUMBER: 21090  
SAMPLED BY: Anne / Charlie / Steve

### REQUESTED ANALYSES

CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	TOTAL LEAD													MATRIX (W, S, O)	# OF CONT.	COMMENTS	NCA WO ID
1. 01AMC202MI	5/20/01 1255	X													0	1		
2. 01AMC203MI	5/20/01 1300	X													0	1		
3. 01AMC204MI	5/20/01 1302	X													0	1		
4. 01AMC205MI	5/20/01 1306	X													0	1		
5. 01AMC206MI	5/20/01 1315	X													0	1		
6. 01AMC207MI	5/20/01 1325	X													0	1		
7. 01AMC208MI	5/20/01 1330	X													0	1		
8.																		
9.																		
10.																		
11.																		
12.																		
13.																		
14.																		
15.																		

RELINQUISHED BY: Charlie Marshall  
PRINT NAME: Charlie Marshall

FIRM: Bristol

DATE: 5/20/01  
TIME: 1436

RECEIVED BY: K. O'Donnell  
PRINT NAME: K. O'Donnell

FIRM: NCA

DATE: 5/20/01  
TIME: 14:36

RELINQUISHED BY:  
PRINT NAME:

FIRM:

DATE:  
TIME:

RECEIVED BY:  
PRINT NAME:

FIRM:

DATE:  
TIME:

ADDITIONAL REMARKS:

TEMP:



**Seattle** 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-9223  
425.420.9200 fax 425.420.9210  
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541.383.9310 fax 541.382.7588

6 December, 2001

Anne Kranawetter  
Bristol Environmental & Engineering  
2000 W International Airport C#1  
Anchorage, AK 99502-1116

RE: Amchitka

Enclosed are the results of analyses for samples received by the laboratory on 05/20/01 14:36. If you have any questions concerning this report, please feel free to contact me.

This report was recreated from a previously issued final report in order to provide an electronic copy. The final report used for these electronic copies may have been previously issued as an amended report due to client requested changes to sample names, etc. No data has changed since submission of the previously issued final, or amended, report.

Sincerely,

Stephen Wilson  
Environmental Group Leader

Work Orders included in this report:

**M105019**



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Bristol Environmental & Engineering  
2000 W International Airport C#1  
Anchorage, AK 99502-1116

Project: Amchitka  
Project Number: 21090  
Project Manager: Anne Kranawetter

**Reported:**  
05/23/01 09:37

#### ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
01AMC202MI	M105019-01	Other dry	05/20/01 12:55	05/20/01 14:36
01AMC203MI	M105019-02	Other dry	05/20/01 13:00	05/20/01 14:36
01AMC204MI	M105019-03	Other dry	05/20/01 13:02	05/20/01 14:36
01AMC205MI	M105019-04	Other dry	05/20/01 13:06	05/20/01 14:36
01AMC206MI	M105019-05	Other dry	05/20/01 13:15	05/20/01 14:36
01AMC207MI	M105019-06	Other dry	05/20/01 13:25	05/20/01 14:36
01AMC208MI	M105019-07	Other dry	05/20/01 13:30	05/20/01 14:36

North Creek Analytical - Mobile Lab

Stephen Wilson, Environmental Group Leader

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

**North Creek Analytical, Inc.**  
**Environmental Laboratory Network**

1 of 4



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**Reported:**  
05/23/01 09:37

**Total Metals per EPA 6000/7000 Series Methods**  
**North Creek Analytical - Mobile Lab**

Analyte	Result	Reporting Limit	Units	Dilution	Method	Prepared	Analyzed	Batch	Notes
<b>01AMC202MI (M105019-01) Other dry</b>						Sampled: 05/20/01	Received: 05/20/01		<b>A-01</b>
<b>Lead</b>	<b>16.1</b>	0.500	mg/kg dry	1	EPA 7000	05/20/01	05/21/01	0105029	
<b>01AMC203MI (M105019-02) Other dry</b>						Sampled: 05/20/01	Received: 05/20/01		<b>A-01</b>
<b>Lead</b>	<b>1320</b>	50.0	mg/kg dry	1	EPA 7000	05/20/01	05/21/01	0105029	
<b>01AMC204MI (M105019-03) Other dry</b>						Sampled: 05/20/01	Received: 05/20/01		<b>A-01</b>
<b>Lead</b>	<b>ND</b>	0.0500	mg/kg dry	1	EPA 7000	05/20/01	05/21/01	0105029	
<b>01AMC205MI (M105019-04) Other dry</b>						Sampled: 05/20/01	Received: 05/20/01		<b>A-01</b>
<b>Lead</b>	<b>14.8</b>	1.00	mg/kg dry	1	EPA 7000	05/20/01	05/21/01	0105029	
<b>01AMC206MI (M105019-05) Other dry</b>						Sampled: 05/20/01	Received: 05/20/01		<b>A-01</b>
<b>Lead</b>	<b>8.50</b>	1.00	mg/kg dry	1	EPA 7000	05/20/01	05/21/01	0105029	
<b>01AMC207MI (M105019-06) Other dry</b>						Sampled: 05/20/01	Received: 05/20/01		<b>A-01</b>
<b>Lead</b>	<b>38.5</b>	0.500	mg/kg dry	1	EPA 7000	05/20/01	05/21/01	0105029	
<b>01AMC208MI (M105019-07) Other dry</b>						Sampled: 05/20/01	Received: 05/20/01		<b>A-01</b>
<b>Lead</b>	<b>ND</b>	0.0500	mg/kg dry	1	EPA 7000	05/20/01	05/21/01	0105029	

North Creek Analytical - Mobile Lab

Stephen Wilson, Environmental Group Leader

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**Reported:**  
05/23/01 09:37

### Total Metals per EPA 6000/7000 Series Methods - Quality Control

#### North Creek Analytical - Mobile Lab

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
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#### Batch 0105029 - EPA 3050

##### Blank (0105029-BLK1)

Prepared: 05/20/01 Analyzed: 05/21/01

Lead ND 0.0500 mg/kg wet

##### LCS (0105029-BS1)

Prepared: 05/20/01 Analyzed: 05/21/01

Lead 92.0 5.00 mg/kg wet 100 92.0 80-120

##### Duplicate (0105029-DUP1)

Source: M105019-03

Prepared: 05/20/01 Analyzed: 05/21/01

Lead ND 0.0500 mg/kg dry ND 40

##### Matrix Spike (0105029-MS1)

Source: M105019-03

Prepared: 05/20/01 Analyzed: 05/21/01

Lead 93.5 5.00 mg/kg dry 100 ND 93.5 75-125

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05/23/01 09:37

### Notes and Definitions

A-01 Continuing Calibration Check Verification Standard (CCV) 112% recovery. Results may have high bias.

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis. MRLs are adjusted if %Solids are less than 50%.

wet Sample results reported on a wet weight basis (as received)

RPD Relative Percent Difference

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**Environmental Laboratory Network**

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### Items for Project Manager Review

LabNumber	Analysis	Analyte	Exception
			Report recreated from: \\sisters\elmnt\Report\M105019 FINAL 05 23 01 0937.mdb Default Report (not modified)
M105019-01	Pb Total 7000 Series		A-01
M105019-02	Pb Total 7000 Series		A-01
M105019-03	Pb Total 7000 Series		A-01
M105019-04	Pb Total 7000 Series		A-01
M105019-05	Pb Total 7000 Series		A-01
M105019-06	Pb Total 7000 Series		A-01
M105019-07	Pb Total 7000 Series		A-01